

Railing Designation	TS-1 *	PF-2	PS-2	TX **
Height Designation	Common	Pedestrian	Pedestrian	Pedestrian
Mounting Location	On bridge coping	Flush with bridge deck	Atop sidewalk of minimum 5 ft width	Either atop sdwk. of 5 ft min. width, or flush with bridge deck
Railing Element	Thrie-beam with steel posts	2 steel tubes with steel posts on concrete parapet	2 steel tubes with steel posts on concrete parapet	Concrete
Total Height	2'-9"	3'-6"	3'-6"	3'-6"
Br. Rlg. Standard Drawings	n/a	706-BRPP-02, and -05, -06	706-BRPP-04 through -06	706-BRTX-01 through -04
Bridge Railing Transition	none	TPF-2	TPS-2	TTX
Br. Rlg. Trans. Standard Drawings	n/a	706-TTBP-03, -04, and -09	706-TTBP-07 through -09	706-TTXX-01 and -02
Guardrail Transition	TGS-1	TGB	TGB	TGB
Gdrl. Trans. Standard Drawings	n/a	601-TTGB-01 through -05	601-TTGB-01 through -05	601-TTGB-01 through -05

* Bridge railing type **TS-1** may be used only on a local-public-agency collector or local road. Details for the bridge railing and transition are shown in INDOT Recurring Plan Detail **706-B-140d**.

** Bridge railing type TX should be considered for an aesthetically-sensitive area.

**BRIDGE-RAILING TYPES
(Test Level 2)**

Figure 61-6B

Railing Designation	FC	TR ***	CF-1	PS-1	PF-1
Height Designation	Common	Common	Common	Pedestrian	Truck
Mounting Location	Flush with bridge deck	On existing concrete parapet	Flush with bridge deck	Atop sidewalk of minimum 5 ft width	Flush with bridge deck
Railing Element	Concrete, shape F	Thrie beam with steel posts	2 steel tubes with steel posts on concrete curb	1 steel tube with steel posts on concrete parapet	1 steel tube with steel posts on concrete parapet
Total Height	2'-9"	2'-10"	2'-11"	3'-6"	4'-2"
Br. Rlg. Standard Drawings	706-BCBR-01, -03, and -04	706-TBRC-01, -02, -03; -TBRE-01; -TBRF-01, -02	706-BRTM-01 and -02	706-BRPP-03, and -05, -06	706-BRPP-01, and -05, -06
Bridge Railing Transition	TBC	none	none	TPS-1	TPF-1
Br. Rlg. Trans. Standard Drawings	706-CBRT-01 through -03	n/a	n/a	706-TTBP-05 and -06	706-TTBP-01 and -02
Guardrail Transition	TGB	TGB	TGT	TGB	TGB
Gdrl. Trans. Standard Drawings	601-TTGB-01 through -05	601-TTGB-01 through -05	601-TTGT-01 and -02	601-TTGB-01 through -05	601-TTGB-01 through -05

*** Bridge railing type TR should be used only to replace existing aluminum bridge railing where no other modifications to a bridge are to be made, either as a spot improvement or within the limits of a 3R or 4R project.

**BRIDGE-RAILING TYPES
(Test Level 4)**

Figure 61-6B (Cont'd.)

Railing Designation	FT	TF-2
Height Designation	Truck	Truck
Mounting Location	Flush with bridge deck	Flush with bridge deck
Railing Element	Concrete, shape F	2 steel tubes with steel posts on concrete parapet
Total Height	3'-9"	4'-2"
Br. Rlg. Standard Drawings	706-BCBR-02, -03, and -04	706-BRTF-01 through -10
Bridge Railing Transition	TBT	PBT
Br. Rlg. Trans. Standard Drawings	706-CBRT-01, through -03	706-TPBT-01 through -09
Guardrail Transition	TGB	TGB
Gdrl. Trans. Standard Drawings	601-TTGB-01 through -05	601-TTGB-01 through -05

**BRIDGE-RAILING TYPES
(Test Level 5)**

Figure 61-6B (Cont'd.)